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IBM Technical Disclosure Bulletins

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Today's Date: 9/27/2000

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	19	67	<u>L10</u>
USPT	17 and 18	67	<u>L9</u>
USPT	((8/405 8/406 8/407 8/408 8/409 8/410 8/411 8/412 8/414 8/415 8/416 8/421 8/423 8/424 8/425 8/426 8/428 8/429 8/431 8/432 8/433 8/435)!.CCLS.)	1183	<u>L8</u>
USPT	14 and (11 or 12 or 13)	565	<u>L7</u>
USPT	15	18	<u>L6</u>
USPT	(11 or 12 or 13) same 14	18	<u>L5</u>
USPT	(basic or cationic) near5 (dye or dyestuff or color\$4 or colour\$4 or red or orange or yellow or green or blue or violet or black or brown) (fatty or stearyl or decyl or lauryl or dodecyl or oleyl or coco or myristyl or steareth or oleth or hexadecene or eicosene) near5	15303	<u>L4</u>
USPT	(cellulose or hydroxyethylcellulose or guar or hydroxypropylguar or gum or polyurethane or polyetherurethane or vinylpyrrolidone or polymer or copolymer or terpolymer)	9257	<u>L3</u>
USPT	((hexadecene or eicosene) near5 (vinylpyrrolidone or pyrrolidone or pvp)) or agrimer\$4	157	<u>L2</u>
USPT	natrosol\$ or bermocell\$ or amercell or esaflor\$5 or miracare\$5 or re205\$2 or dapral\$4 or elfacos\$4 or antaron\$4 or ganex\$4 or antil\$3	4391	<u>L1</u>

(FILE 'HOME' ENTERED AT 17:25:04 ON 27 SEP 2000)

FILE 'REGISTRY' ENTERED AT 17:25:08 ON 27 SEP 2000

```

      E NATROSOL PLUS GRADE 330/CN
      E NATROSOL PLUS 330/CN
L1      1 S E4
      E BERMOCOLL EHM/CN
L2      1 S E4
      E AMERCELL POLYMER HM-1500/CN
L3      1 S E2
      E ESAFLOR HM 22/CN
L4      0 S MIRACARE XC/CN
      E MIRACARE XC/CN
L5      0 S RE205-1/CN
      E RE205-1/CN
      E RE 205-1/CN
      E DAPRAL T210/CN
L6      1 S E1
L7      1 S DAPRAL T 212/CN
L8      0 S ELFACOS T 210/CN
      E ELFACOS/CN
      E ANTARON V/CN
L9      1 S E4
L10     1 S ANTARON V 220/CN
      E ANTIL 208/CN
L11     1 S E3
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FILE 'CAPLUS' ENTERED AT 17:31:26 ON 27 SEP 2000

=> s l1 or l2 or l3 or l6 or l7 or l9 or l10 or l11

```

      5 L1
      5 L2
      3 L3
      9 L6
     11 L7
     90 L9
     73 L10
      1 L11
L12     159 L1 OR L2 OR L3 OR L6 OR L7 OR L9 OR L10 OR L11
```

=> s (cationic or basic) (5n) (dye? or color? or colour? or red or orange or blue or green or violet or yellow or brown or black)

```

      82880 CATIONIC
      227554 BASIC
      207100 DYE?
      325229 COLOR?
      462 COLOUR?
      185104 RED
      39905 ORANGE
      130476 BLUE
      122318 GREEN
      23315 VIOLET
      79265 YELLOW
      61877 BROWN
      141532 BLACK
L13     14351 (CATIONIC OR BASIC) (5A) (DYE? OR COLOR? OR COLOUR? OR RED OR
```

ORANGE OR BLUE OR GREEN OR VIOLET OR YELLOW OR BROWN OR BLACK)

=> s l12 and l13

L14 3 L12 AND L13

=> d ibib abs hit 1-3

L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2000 ACS

RN 8004-87-3 REGISTRY

CN C.I. Basic Violet 1 (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Methyl violet (6CI)

OTHER NAMES:

CN Aizen Methyl Violet BB

CN Aizen Methyl Violet Pure Special

CN Basic Violet 1

CN Basic Violet 5BN

CN Basic Violet K

CN Basonyl Violet 600

CN C Ext. Violet 5

CN C.I. 42535

CN Gentian Violet B

CN Methyl Violet 2B

CN Methyl Violet 6B

CN Methyl Violet B

CN Methyl Violet BB

CN Methyl Violet FN

CN Methyl Violet N

CN Methyl Violet pure SP

CN Paris Violet R

CN Pyoktanin blue

CN Pyoktaninum coeruleum

CN Violet Powder H 2503

DEF This substance is identified in the COLOUR INDEX by Colour Index
Constitution Number, C.I. 42535.

DR 12227-76-8, 12634-45-6, 8048-69-9, 1335-69-9, 134191-03-0, 4353-72-4

MF Unspecified

CI COM, MAN

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU,
DETERM*, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS,
NIOSTIC, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, USPATFULL
(*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

744 REFERENCES IN FILE CA (1967 TO DATE)

31 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

744 REFERENCES IN FILE CAPLUS (1967 TO DATE)

13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L14 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2000 ACS

ACCESSION NUMBER: 1974:102320 CAPLUS

DOCUMENT NUMBER: 80:102320

TITLE: Reversal development using polar liquid developers

INVENTOR(S): Whittaker, Gary L.

PATENT ASSIGNEE(S): Xerox Corp.

SOURCE: U.S., 8 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3772012	A	19731113	US 1972-277545	19720803
US 3712728	A	19730123	US 1971-104331	19710106
CA 949826	A1	19740625	CA 1971-125598	19711020
JP 53011855	B4	19780425	JP 1971-103579	19711220
GB 1374831	A	19741120	GB 1972-123	19720103
BE 777718	A1	19720705	BE 1972-112566	19720105
FR 2121328	A5	19720818	FR 1972-1004	19720105
IT 946351	A	19730521	IT 1972-19101	19720105
NL 7200167	A	19720710	NL 1972-167	19720106
			US 1971-104331	19710106

PRIORITY APPLN. INFO.:

AB High resolution reversal images are produced by using an electrostatog. imaging system which utilizes a polar liq. developer. The polar liq. is transferred by the proper use of potential differences from the carrier roller to the uncharged areas of the image surface. The toner image receptor surface is discharged promptly by an overall exposure upon development, preventing developer migration and image resolution loss.

IT C.I. **Basic Violet 1**, tannate

RL: USES (Uses)

(electrophotog. polar liq. developers contg., for reversal development)

IT **12634-25-2** 52219-10-0

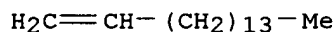
RL:- USES (Uses)

(electrophotog. polar liq. developers contg., for reversal development)

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2000 ACS
 RN 32440-50-9 REGISTRY
 CN 2-Pyrrolidinone, 1-ethenyl-, polymer with 1-hexadecene (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Hexadecene, polymer with 1-ethenyl-2-pyrrolidinone (9CI)
 CN 1-Hexadecene, polymer with 1-vinyl-2-pyrrolidinone (8CI)
 CN 2-Pyrrolidinone, 1-vinyl-, polymer with 1-hexadecene (8CI)
 OTHER NAMES:
 CN 1-Hexadecene-N-vinylpyrrolidone copolymer
 CN 1-Hexadecene-N-vinylpyrrolidone polymer
 CN 1-Hexadecene-vinylpyrrolidinone copolymer
 CN 1-Hexadecene-vinylpyrrolidone polymer
 CN Agrimer AL 22
 CN Agrimer AL 25
 CN **Antaron V 216**
 CN Ganex V 216
 CN Ganex V 516
 CN V 216
 CN Vinylpyrrolidone-1-hexadecene copolymer
 DR 12634-25-2, 53240-90-7, 37339-74-5
 MF (C16 H32 . C6 H9 N O)x
 CI PMS
 PCT Polyolefin, Polyvinyl
 LC STN Files: CA, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, PROMT, TOXLIT, USPATFULL

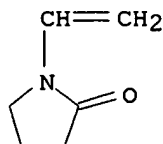
CM 1

CRN 629-73-2
 CMF C16 H32



CM 2

CRN 88-12-0
 CMF C6 H9 N O

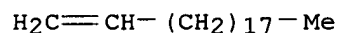


68 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2000 ACS
 RN 28211-18-9 REGISTRY
 CN 2-Pyrrolidinone, 1-ethenyl-, polymer with 1-eicosene (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Eicosene, polymer with 1-ethenyl-2-pyrrolidinone (9CI)
 CN 1-Eicosene, polymer with 1-vinyl-2-pyrrolidinone (8CI)
 CN 2-Pyrrolidinone, 1-vinyl-, polymer with 1-eicosene (8CI)
 OTHER NAMES:
 CN .alpha.-Eicosene-N-vinylpyrrolidinone polymer
 CN 1-Eicosene-1-vinyl-2-pyrrolidone polymer
 CN 1-Eicosene-1-vinylpyrrolidinone copolymer
 CN 1-Eicosene-N-vinylpyrrolidone polymer
 CN **Antaron V 220**
 CN Eicosene-PVP copolymer
 CN Ganex V 220
 DR 53240-89-4
 MF (C20 H40 . C6 H9 N O)x
 CI PMS
 PCT Polyolefin, Polyvinyl
 LC STN Files: CA, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, PROMT, TOXLIT, USPATFULL
 Other Sources: DSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

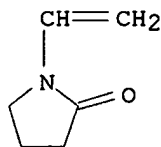
 CM 1

 CRN 3452-07-1
 CMF C20 H40



CM 2

 CRN 88-12-0
 CMF C6 H9 N O



70 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 71 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2000 ACS

ACCESSION NUMBER: 1998:577127 CAPLUS

DOCUMENT NUMBER: 129:166069

TITLE: Oxidative dye compositions for keratin fibers and method for dyeing

INVENTOR(S): Rondeau, Christine; Cotteret, Jean; De la Mettrie, Roland

PATENT ASSIGNEE(S): L'Oreal S. A., Fr.

SOURCE: Fr. Demande, 39 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2757387	A1	<u>19980626</u>	FR 1996-15894	19961223
FR 2757387	B1	19990129		
EP 852135	A1	19980708	EP 1997-402864	19971127
EP 852135	B1	19990428		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
AT 179325	E	19990515	AT 1997-402864	19971127
ES 2134056	T3	19990916	ES 1997-402864	19971127
AU 694083	B1	19980709	AU 1997-47630	19971209
ZA 9711308	A	19980701	ZA 1997-11308	19971217
US 5879412	A	19990309	US 1997-994446	19971219 <--
CA 2223722	AA	19980623	CA 1997-2223722	19971222
JP 10194942	A2	19980728	JP 1997-353835	19971222
JP 2954122	B2	19990927		
CN 1189333	A	19980805	CN 1997-120883	19971222
BR 9706312	A	19990504	BR 1997-6312	19971222
PRIORITY APPLN. INFO.:			FR 1996-15894	19961223
OTHER SOURCE(S):		MARPAT 129:166069		

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Search Results - Record(s) 1 through 9 of 9 returned.☐ 1. Document ID: US 6419710 B1

L1: Entry 1 of 9

File: USPT

US-PAT-NO: 6419710

DOCUMENT-IDENTIFIER: US 6419710 B1

TITLE: Composition for the oxidation dyeing of keratin fibers and dyeing process using this composition

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Demeulenaere; Christelle	Le Vesinet			FRX
Maubru; Mireille	Chatou			FRX

US-CL-CURRENT: 8/405; 8/406, 8/407, 8/410, 8/411, 8/412, 8/563[Full](#) | [Title](#) | [Caption](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWIC](#) | [Drawings](#) | [Image](#)☐ 2. Document ID: US 6344063 B1

L1: Entry 2 of 9

File: USPT

US-PAT-NO: 6344063

DOCUMENT-IDENTIFIER: US 6344063 B1

TITLE: Oxidation dye composition for keratin fibers comprising nonionic amphiphilic polymer

DATE-ISSUED: February 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de la Mettrie; Roland	Le Vesinet			FR
Boudy; Fran.cedilla.oise	Paris			FR

US-CL-CURRENT: 8/406; 424/70.11, 8/407, 8/408, 8/410, 8/412, 8/421, 8/424, 8/429, 8/431, 8/435, 8/552[Full](#) | [Title](#) | [Caption](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWIC](#) | [Drawings](#) | [Image](#)☐ 3. Document ID: US 6312477 B1

L1: Entry 3 of 9

File: USPT

US-PAT-NO: 6312477

DOCUMENT-IDENTIFIER: US 6312477 B1

TITLE: Oxidizing composition and uses for dyeing, permanently setting or bleaching keratin fibres

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
De La Mettrie; Roland	Le Vesinet			FR
Cotteret; Jean	Verneuil-sur-Seine			FR
De Labbey; Arnaud	Aulnay sous Bois			FR
Maubru; Mireille	Chatou			FR

US-CL-CURRENT: 8/401; 424/70.11, 424/70.16, 8/406, 8/408, 8/557, 8/558

[Full](#) [Title](#) [Caption](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

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☐ 4. Document ID: US 6277155 B1

L1: Entry 4 of 9

File: USPT

US-PAT-NO: 6277155

DOCUMENT-IDENTIFIER: US 6277155 B1

TITLE: Oxidation dye composition for keratin fibers comprising a nonionic amphiphilic polymer

DATE-ISSUED: August 21, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
De La Mettrie; Roland	Le Vesinet			FR
Boudy; Fran.cedilla.oise	Paris			FR

US-CL-CURRENT: 8/406; 424/70.11, 8/429, 8/431, 8/435, 8/552

[Full](#) [Title](#) [Caption](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

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☐ 5. Document ID: US 6273920 B1

L1: Entry 5 of 9

File: USPT

US-PAT-NO: 6273920

DOCUMENT-IDENTIFIER: US 6273920 B1

TITLE: Oxidizing composition and uses for treating keratin fibres

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
De La Mettrie; Roland	Le Vesinet			FR
Cotteret; Jean	Verneuil-sur-Seine			FR
De Labbey; Arnaud	Aulnay sous Bois			FR
Maubru; Mireille	Chatou			FR

US-CL-CURRENT: 8/401; 424/70.11, 424/70.13, 424/70.15, 424/70.16, 8/552, 8/553,
8/561

[Full](#) [Title](#) [Caption](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[NWC](#) [Draw Desc](#) [Image](#)

☐ 6. Document ID: US 6074439 A

L1: Entry 6 of 9

File: USPT

US-PAT-NO: 6074439

DOCUMENT-IDENTIFIER: US 6074439 A

TITLE: Oxidation dye composition for keratin fibers containing an oxidation dye precursor and an anionic amphiphilic polymer

DATE-ISSUED: June 13, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
De La Mettrie; Roland	Le Vesinet			FR
Boudy; Fran.cedilla.oise	Paris			FR

US-CL-CURRENT: 8/411; 8/406, 8/408, 8/409, 8/410, 8/412, 8/557, 8/558

[Full](#) [Title](#) [Caption](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[NWC](#) [Draw Desc](#) [Image](#)

☐ 7. Document ID: US 6010541 A

L1: Entry 7 of 9

File: USPT

US-PAT-NO: 6010541

DOCUMENT-IDENTIFIER: US 6010541 A

TITLE: Oxidation dye composition for keratin fibers comprising a nonionic amphiphilic polymer

DATE-ISSUED: January 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de la Mettrie; Roland	Le Vesinet			FR
Boudy; Fran.cedilla.oise	Paris			FR

US-CL-CURRENT: 8/412; 8/406, 8/407, 8/408, 8/410, 8/421, 8/424, 8/552

[Full](#) [Title](#) [Caption](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[NWC](#) [Draw Desc](#) [Image](#)

☐ 8. Document ID: US 5989295 A

L1: Entry 8 of 9

File: USPT

US-PAT-NO: 5989295

DOCUMENT-IDENTIFIER: US 5989295 A

TITLE: Oxidation dye composition for keratin fibres, comprising an anionic
amphiphilic polymer

DATE-ISSUED: November 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de la Mettrie; Roland	Le Vesinet			FR
Boudy; Fran.cedilla.oise	Paris			FR

US-CL-CURRENT: 8/406; 8/407, 8/408, 8/409, 8/410, 8/411, 8/412, 8/554, 8/557, 8/558

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

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☐ 9. Document ID: US 5976195 A

L1: Entry 9 of 9

File: USPT

US-PAT-NO: 5976195

DOCUMENT-IDENTIFIER: US 5976195 A

TITLE: Oxidation dye composition for keratin fibers containing an oxidation dye
precursor and amphiphilic polymer

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de la Mettrie; Roland	Le Vesinet			FR
Boudy; Fran.cedilla.oise	Paris			FR

US-CL-CURRENT: 8/411; 8/406, 8/407, 8/408, 8/409, 8/410, 8/412, 8/557, 8/558

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

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amphiphilic polymer and hair dye

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